BECLARATION AND POWER OF A JRNEY

Attorney's D 2t No. 16313-0031

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Ruoying Chen and Rodrigo Sarria-Millan

As below named inventors, we nereby declare that:	
Our residence, post office addresses and citizenships are as stated below next to our names. We believe we are the original, fir	st and

Our residence, post office addresses and citizenships are as stated below next to our names. We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "Cell Cycle Stress-Related Proteins and Methods of Use in Plants", the specification of which:

is attached hereto.
was filed on April 6, 2001 as Application No. 09/828,062.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. We do not know and do not believe that the same was ever known or used by others in the United States of America before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to the date of this application. We further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. We understand that we have a duty of candor and good faith toward the Patent and Trademark Office, and we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority Claimed Under	35 USC §119
			Yes	No
I hereby claim the benefit	under Title 35, U	nited States Code, § 119	(e) of any United States provisio	onal application(s) listed below:
60/196,001 (Application No.)	<i></i>	April 7, 2000 (Filing Date)	(Application No.)	(Filing Date)
We hand to do t	C. 1 00:1 20	** ** 10		

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.

Filing Date

Status: patented, pending, abandoned

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Peter G. Pappas - 33,205; Daniel J. Warren - 34,272; William L. Warren - 36,714; Michael S. Pavento - 42,985; Lisa M. Cobern - 44,669; Robert A. Lester - 24,004; Erinn C. Kelly - 44,822; Jerry C. Liu - P47,754; Kevin W. King - 42,737.

Send correspondence to: SUTHERLAND ASBILL & BRENNAN LLP

Direct telephone calls at (404) 853-8000

999 Peachtree Street, NE Atlanta, GA 30309-3996

Lisa M. Cobern, Esq.

Full name of sole or first inventor:	Oswaldo da Costa e Silva	Citizenship: Brazil	
Inventor's signature		Date:	
Residence and Post Office Address	: 203 Littleford Lane, Apex,	North Carolina 27502	

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Blvd., A	Apartment 13-208, Tucson, Arizona 85710
:	
Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., Cary,	North Carolina 27513
Full name of fourth inventor: Ruoying Chen	Citizenship: China,
Inventor's signature Residence and Post Office Address: 105 Rustic Pine Court, Aper	Date: 6/4/2001
Residence and Post Office Address: 105 Rustic Pine Court, Ape	x, North Carolina 27502

Full name of fifth inventor: Rodrigo Sarria-Millan	Citizenship: Columbia	
Inventor's signature	Date:	
Residence and Post Office Address: 2324 Winter Walk Circle, Morri	sville, North Carolina 27560	

Attorney's Dc

No. 16313-0031

In re: Application of: Oswal Rocirigo Sarria-Millan	do da Costa e	Silva, Hans J. Bohner	t, Nocha van Thielen, Rouying	Chen and
As below named inventors,	we hereby decl	are that:		
Strees-Related Proteins and is attack	bject matter wild Methods of U hed hereto.	hich is claimed and for Use in Plants', the spe		elieve we are the original, firs invention entitled "Cell Cycl
wre hereby state that we have amended by any amendmen others in the United States country before our invention was not in public use or on understand that we have a d	e reviewed and t referred to all of America bef thereof or mon sale in the Un uty of candor a	fore our invention ther fore our invention ther than one year prior to nited States of Americ and good faith toward	ats of the above-identified specific and do not believe that the same eof, or patented or described in a the date of this application. We a more than one year prior to the Patent and Trademark Office, this application in accordance we	the was ever known or used by any printed publication in any further state that the invention of this application. We and we acknowledge the duty
or inventor's certificate liste	od below, and loommon with t	have also identified be	States Code, §119 (a)-(d) of the follow any foreign application for pecification and having a filing date	patent or inventor's certificate
Application No.	Country	Filing Date	Priority Claimed Under	35 USC §119
·			Yes	No
I hereby claim the benefit the below: 60/196,001 (Application No.)		United States Code, April 7, 2000 (Filing Date)	§ 119(e) of any United States pr	ovisional application(s) listed (Filing Date)
as the subject matter disclose manner provided by the firs	ed and claimed at paragraph of tile 37, Code of	in the present applicate Title 35, United State Federal Regulations.	120 of any United States application is not disclosed in the prior Ues Code §112, We acknowledge, §1.56 which became available of this application:	on(s) listed below and, insofar inited States application in the
Application Serial No.	<u>Filin</u>	g Date	Status: patented, pending, abar	ndoned
and belief are believed to be the like so made are punisha	true; and furth ble by fine or i	er that these statement imprisonment, or both.	nowledge are true and that all sta were made with the knowledge th under Section 1001 of Title 18 of application or any patents issuing	at willful false statements and f the United States Code, and
and Trademark Office connects	ed therewith: Pe 5; Lisa M. Col	eter G. Pappas - 33,20	ed to prosecute this application and to 25; Daniel J. Warren - 34,272; A. Lester - 24,004; Erinn C. Ko	William L. Warren - 36.714
	HERLAND A Peachtree Stree nta, GA 30309	et, NE	LLP Direct telephone calls at	
Full name of sole or first inve Inventor's signature	nton Oswaldo	da Costa o Silva	Citizenship: Brazil	
Residence and Post Office Ac				0 0

Full name of sole or first inventor Oswaldo da Costa o Silva Citizenship: Brazil	
Inventor's signature WALLAW WA WY (W Date: 620 0	
Residence and Post Office Address: 203 Littleford Lane, Apex, North Carolina 27502	

DECIARATION AND POWER OF A. JRNEY

Attorney's Doc No. 16313-003

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Rodrigo Sarria-Millan

As below named inventors, we	e hereby dec	lare that:
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Our residence, post office addresses and citizenships are as stated below next to our names. We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "Cell Cycle Stress-Related Proteins and Methods of Use in Plants", the specification of which:

is attached hereto.

was filed on April 6, 2001 as Application No. 09/828,062.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. We do not know and do not believe that the same was ever known or used by others in the United States of America before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to the date of this application. We further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. We understand that we have a duty of candor and good faith toward the Patent and Trademark Office, and we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority Claimed Und	ler 35 USC §119
			Yes	No
I hereby claim the below:	nefit under Title	35, United States Code, §	119(e) of any United States	provisional application(s) listed
60/196,001 (Application No.)		April 7, 2000 (Filing Date)	(Application No.)	(Filing Date)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.

Filing Date

Status: patented, pending, abandoned

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Peter G. Pappas - 33,205; Daniel J. Warren - 34,272; William L. Warren - 36,714; Michael S. Pavento - 42,985; Lisa M. Cobern - 44,669; Robert A. Lester - 24,004; Erinn C. Kelly - 44,822; Jerry C. Liu - P47,754; Kevin W. King - 42,737.

Send correspondence to:SUTHERLAND ASBILL & BRENNAN LLP

Direct telephone calls at (404) 853-8000

999 Peachtree Street, NE Atlanta, GA 30309-3996

Lisa M. Cobern, Esq.

Inventor's signature	Full name of sole or first inventor: (Oswaldo da Costa e Silva	Citizenship: Brazil	
Residence and Post Office Address: 203 Littleford Lane, Apex, North Carolina 27502	Inventor's signature	1	Date:	
	Residence and Post Office Address:	203 Littleford Lane, Apex, North C	Carolina 27502	-

Page 2

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Bl	vd., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., Ca	ary, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China	\neg
Inventor's signature	Date:	\neg
Residence and Post Office Address: 105 Collier Place 1-G, Cary	, North Carolina 27513	

Full name of fifth inventor: Rodrigo Sarria-Millan	Citizenship: Columbia
Inventor's signature	Date:
Residence and Post Office Address: 2324 Winter Walk Circle	c, Morrisville, North Carolina 27560

Page 2

Inventor's signature

Citizenship: Germany
Date:
Apartment 13-208, Tucson, Arizona 85710
Citizenship: Canada
Date: 5, 30, 200
, North Carolina 27513
Citizenship: China
Date:
y, North Carolina 27513
Citizenship: Columbia

Residence and Post Office Address: 2324 Winter Walk Circle, Morrisville, North Carolina 27560

Date:

Attorney's Do. No. 16313-0031

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Rodrigo Sarria-Millan

As below named inventors,	we hereby	declare	that:
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Regulations, §1.56.

Our residence, post office addresses and citizenships are as stated below next to our names. We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "Cell Cycle
Stress-Related Proteins and Methods of Use in Plants", the specification of which:
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others in the United States of America before our invention thereof, or patented or described in any printed publication in any
country before our invention thereof or more than one year prior to the date of this application. We further state that the invention
was not in public use or on sale in the United States of America more than one year prior to the date of this application. We
understand that we have a duty of candor and good faith toward the Patent and Trademark Office, and we acknowledge the duty
to disclose in figure 2 and we acknowledge the duty

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to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal

Application No.	Country	Filing Date	Priority Claimed Under 3	5 USC §119
			Yes	No
I hereby claim the benefi below:	t under Title 35	, United States Code, §	119(e) of any United States pro	visional application(s) listed
60/196,001 (Application No.)		April 7, 2000 (Filing Date)	(Application No.)	(Filing Date)
We hereby claim the benef	fit under Title 35	, United States Code, §12	0 of any United States application	n(s) listed below and, insofar

we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No. Filing Date Status: patented, pending, abandoned

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

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Send correspondence to: SUTHERLAND ASBILL & BRENNAN LLP Dir

Direct telephone calls at (404) 853-8000

999 Peachtree Street, NE Atlanta, GA 30309-3996

Lisa M. Cobern, Esq.

Full name of sole or first inventor:	Oswaldo da Costa e Silva	Citizenship: Brazil	
Inventor's signature	1	Date:	_
Residence and Post Office Address:	203 Littleford Lane, Apex, North Carolina	27502	

Additional inventors are being named on separately numbered sheets attached hereto.

AO 463470.1

Page 2

Full name of second inventor: Har	is J. Beliner	Citizenship: ,Germany
Inventor's signature	[-10/+	Date: 5/80/01
Residence and Post Office Address	: 5400 East William	ns Blvd., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., C	Cary, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-G, Car	ry, North Carolina 27513

Full name of fifth inventor: Rodrigo Sarria-Millan	Citizenship: Columbia	
Inventor's signature	Date:	
Residence and Post Office Address: 2324 Winter Walk Circle, Mo	orrisville, North Carolina 27560	

Attorney's Do. . No. 16313-0031

DECLARATION AND POWER OF A _ ORNEY

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Rodrigo Sarria-Millan

As	below	named	inventors,	we hereby	declare	that:

	,			
and joint inventors of the s Stress-Related Proteins ar	ubject matter wl nd Methods of U	hich is claimed and for w	elow next to our names. We beli which a patent is sought on the in fication of which:	
	ched hereto.			
We hereby state that we hat amended by any amendment others in the United States country before our invention was not in public use or our understand that we have a state of the state of	ve reviewed and nt referred to al of America bef n thereof or mon n sale in the Un duty of candor a	bove. We do not know a fore our invention thereouse than one year prior to the inited States of America is and good faith toward the	28,062. of the above-identified specifical and do not believe that the same of, or patented or described in an the date of this application. We full more than one year prior to the e Patent and Trademark Office, a his application in accordance with	was ever known or used by ay printed publication in any urther state that the invention date of this application. We not we acknowledge the duty
or inventor's certificate list	ted below, and le common with t	have also identified below	ates Code, §119 (a)-(d) of the fore we any foreign application for pa ification and having a filing date	tent or inventor's certificate
Application No.	Country	Filing Date	Priority Claimed Under 3:	5 USC §119
			Yes	No
below:	under Title 35,	, United States Code, §	119(e) of any United States pro	visional application(s) listed
60/196,001		April 7, 2000	Ch. It ston Man	(7)11 - Flats
(Application No.)		(Filing Date)	(Application No.)	(Filing Date)
as the subject matter disclor manner provided by the fir	sed and claimed rst paragraph of Fitle 37, Code of	of Title 35, United States of Federal Regulations, §	20 of any United States application is not disclosed in the prior Un a Code §112, We acknowledge t §1.56 which became available bethis application:	nited States application in the he duty to disclose material
Application Serial No.	<u>Filir</u>	ng Date	Status: patented, pending, abandoned	
				· · · · · · · · · · · · · · · · · · ·
and belief are believed to be the like so made are punish	e true; and furth able by fine or	her that these statement we imprisonment, or both, u	owledge are true and that all state tere made with the knowledge that under Section 1001 of Title 18 of application or any patents issuing	t willful false statements and the United States Code, and
and Trademark Office connec	cted therewith: P 85; Lisa M. Co	Peter G. Pappas - 33,205	to prosecute this application and tra 5; Daniel J. Warren - 34,272; WA. Lester - 24,004; Erinn C. Kel	Villiam L. Warren - 36,714;
Send correspondence to:SU			LLP Direct telephone calls at ((404) 853-8000
	Peachtree Stre lanta, GA 30309		Lisa M. Cob	pern, Esq.
Full name of sole or first in	ventor: Oswald	o da Costa e Silva	Citizenship: Brazil	
Inventor's signature		1	Date:	· · · · · · · · · · · · · · · · · · ·

Residence and Post Office Address: 203 Littleford Lane, Apex, North Carolina 27502

Page 2

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany	
Inventor's signature	Date:	
Residence and Post Office Address: 5400 East Williams Blvd., A	Apartment 13-208, Tucson, Arizona 85710	
Full name of third inventor: Nocha van Thielen	Citizenship: Canada	
Inventor's signature	Date:	
Residence and Post Office Address: 206-T Hyde Park Ct., Cary,	North Carolina 27513	
Full name of fourth inventor: Rouying Chen	Citizenship: China	
Inventor's signature	Date:	
Residence and Post Office Address: 105 Collier Place 1-G, Cary	, North Carolina 27513	
Full name of fifth inventor: Rodrigo Sarria-Millan	Citizenship: Columbia	
Inventor's signature	Date: MAY 24 01	
Residence and Post Office Address: 2324 Winter Walk Circle, M	forrisville, North Carolina 27560	